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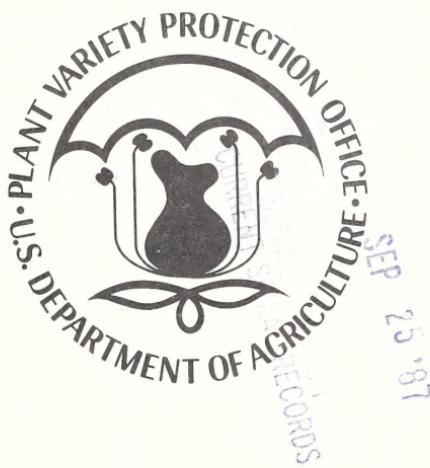


United States
Department of
Agriculture

Agricultural
Marketing
Service

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Plant Variety Protection Office Official Journal



PREFACE

THE PLANT VARIETY PROTECTION ACT (7 U.S.C. 2321 ET SEQ.) AUTHORIZES THE SECRETARY OF AGRICULTURE TO PUBLISH AN OFFICIAL JOURNAL AND TO PROVIDE THE PUBLIC WITH INFORMATION RELATING TO THE OPERATIONS OF THE PLANT VARIETY PROTECTION OFFICE. THE STATUTE ALSO AUTHORIZES THE SECRETARY TO DISSEMINATE TECHNOLOGICAL AND OTHER INFORMATION THAT ENCOURAGES INNOVATION AND PROGRESS IN PLANT BREEDING.

THE OFFICIAL JOURNAL, PUBLISHED QUARTERLY, IS AVAILABLE FROM:

PLANT VARIETY PROTECTION OFFICE
LIVESTOCK, POULTRY, GRAIN & SEED DIV., AMS
U. S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY BLDG.
BELTSVILLE, MARYLAND 20705

ISSUED FEBRUARY 1980

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APPLICATIONS RECEIVED
OCTOBER 1, 1979 TO DECEMBER 31, 1979

APPLICATIONS FOR PROTECTION HAVE BEEN FILED FOR THE FOLLOWING VARIETIES. EACH APPLICATION HAS BEEN ASSIGNED AN APPLICATION NUMBER AND WILL BE EXAMINED TO DETERMINE WHETHER THE VARIETY IS ENTITLED TO PROTECTION. UNTIL FURTHER NOTICE IS PUBLISHED IN THE OFFICIAL JOURNAL, SEED OF THESE VARIETIES MAY BE LABELED "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. VARIETY PROTECTION APPLIED FOR."*

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
ALFALFA				
	8000035	VORIS A77	791227	NORTH AMERICAN PLANT BREEDERS
	8000036	G7730	791227	NORTH AMERICAN PLANT BREEDERS
	8000037	ANSWER	791227	NORTH AMERICAN PLANT BREEDERS
BARLEY	* 8000038	TRIDENT	791227	NORTH AMERICAN PLANT BREEDERS
	8000017	TRIUMPH	791205	HURST, GUNSEN, COOPER, TABER, U.K. (3)
BEAN, GARDEN	8000021	<WAV 5819>	791190	VAN WAVERN PFANZENZUCHT G.M.B.H.
BROCCOLI	8000013	TORO	791114	ASGROW SEED CO.
CAULIFLOWER	8000004	STAR LIGHT	791029	RIJK ZWAAN B.V., NETH.
	8000005	<TYPE 14>	791029	PERMISSION TO PUBLISH NOT RECEIVED
CORN, FIELD	8000011	FR 19	791109	ILLINOIS FOUNDATION SEEDS, INC.
COTTON	* 8000032	CASCOT BR-1	791227	CUSTOM AG SERVICE INC.
MARIGOLD	8000006	ICE CRUSH	791106	JOHN BODGER & SONS CO.
MUSkmELON	8000020	TOP NET	791211	MORAN SEEDS, INC.
PEA, GARDEN	8000001	PROTO IV	791011	WILBUR-ELLIS CO.
	8000002	SUMMIT	791018	CRITES-MOSCOW GROWERS, INC.
	8000003	REGAL 36	791018	CRITES-MOSCOW GROWERS, INC.
	8000014	BETA II	791127	WILBUR-ELLIS CO.
	8000016	<CEBECO 102>	791129	INTERNATIONAL SEEDS, INC.
RYEGRASS, PERENNIAL *	8000019	BIANCA	791220	VAN DER HAVE B.V., NETH. (3)
SOYBEAN	8000007	S512	791106	NORTHRUP KING CO.
	8000008	B220	791106	NORTHRUP KING CO.
	8000009	S2596	791106	NORTHRUP KING CO.
	8000010	B070	791106	NORTHRUP KING CO.

*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED

< > IDENTIFIES TEMPORARY DESIGNATIONS
() NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

APPLICATIONS RECEIVED (CONT)
OCTOBER 1, 1979 TO DECEMBER 31, 1979

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
SOYBEAN	8000015	RIVERSIDE 2025	791127	LYNNVILLE SEED CO.
	8000023	1677	791217	PIONEER HI-BRED INTERNATIONAL, INC.
	8000024	4280	791217	PIONEER HI-BRED INTERNATIONAL, INC.
	8000025	4880	791217	PIONEER HI-BRED INTERNATIONAL, INC.
	8000026	3580	791217	PIONEER HI-BRED INTERNATIONAL, INC.
	8000027	2877	791217	PIONEER HI-BRED INTERNATIONAL, INC.
	8000028	0877	791217	PIONEER HI-BRED INTERNATIONAL, INC.
	8000029	2180	791217	PIONEER HI-BRED INTERNATIONAL, INC.
	8000030	2480	791217	PIONEER HI-BRED INTERNATIONAL, INC.
*	8000031	NEBBOY	791210	NEBRASKA AGRIC. EXPT. STA.
*	8000033	GNOME	791227	OHIO AGRIC. RES. DEV. CENTER
*	8000034	AMCOR	791227	OHIO AGRIC. RES. DEV. CENTER
TIMOTHY	8000018	MOHAWK	791130	FFR COOPERATIVE
WHEAT, COMMON	8000012	DANCER	791114	NORTH AMERICAN PLANT BREEDERS
	*	8000022 JAMES	791218	SOUTH DAKOTA AGRIC. EXPT. STA.

*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED

< > IDENTIFIES TEMPORARY DESIGNATIONS

() NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

APPLICATIONS AMENDED

OCTOBER 1, 1979 TO DECEMBER 31, 1979

INFORMATION CONCERNING THE VARIETIES LISTED BELOW HAS BEEN PUBLISHED PREVIOUSLY IN THE OFFICIAL JOURNAL'S LIST OF "APPLICATIONS RECEIVED". DURING THE EXAMINATION PROCESS, THE APPLICANT REQUESTED THIS INFORMATION TO BE AMENDED AS INDICATED BELOW.

KIND	APPL. NO.	VARIETY NO.	NAME OF APPLICANT DATE 790305 MORAN SEEDS, INC.
CAULIFLOWER	7900066	SNOWBALL 123	VARIETY NAME CHANGED FROM "SNOWBALL 23" TO "SNOWBALL 123".
COTTON	7700028	REX 713	VARIETY NAME CHANGED FROM "NEW REX" TO "REX 713".
PEA, GARDEN	7900116	CHARC	VARIETY WITH TEMPORARY DESIGNATION AG-363P NAMED "CHARO".
SOYBEAN	* 7900110	PL 70-10546D	790905 ARDIE G. GUSTAFSON, SEEDSMAN 790830 SOYBEAN RESEARCH FOUNDATION, INC. TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED.

*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED
< > INDICATES TEMPORARY DESIGNATIONS
() NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

CERTIFICATES AMENDED

OCTOBER 1, 1979 TO DECEMBER 31, 1979

THE FOLLOWING CERTIFICATES HAVE BEEN AMENDED IN ACCORDANCE WITH SECTIONS 180.103, 180.122, AND 180.130 OF THE PLANT VARIETY PROTECTION ACT.

KIND	CERT. NO.	VARIETY	NAME OF OWNER DATE
SOYBEAN	* 7700055	J-84A	770401 JACQUES SEED CO.

VARIETY NAME CHANGED FROM 'J-94A' TO 'J-84A'.

SQUASH	* 7800032	JERSEY GOLDEN ACORN	780317 RUTGERS STATE UNIV. & DR. SHIFFRIS
			VARIETY NAME CHANGED FROM 'RUTGERS GOLDEN ACORN' TO 'JERSEY GOLDEN ACORN'.

* TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED
() NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE
OCTOBER 1, 1979 TO DECEMBER 31, 1979

APPLICATIONS FOR THE VARIETIES LISTED BELOW ARE NO LONGER BEING CONSIDERED FOR U.S. PLANT VARIETY PROTECTION. UNAUTHORIZED PROPAGATION OF THESE VARIETIES IS NO LONGER PROHIBITED BY THE U.S. PLANT VARIETY PROTECTION ACT.

KIND	APPL. NO.	VARIETY
BEAN, GARDEN	7800102	PROS
PEA, GARDEN	7900054	MULTISTAR
PEANUT	7800063	KEEL 76

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM
OCTOBER 1, 1979 TO DECEMBER 31, 1979

CLAIMS OF THE APPLICANT REGARDING ELIGIBILITY FOR PLANT VARIETY PROTECTION AND NOVELTY AS STATED BELOW HAVE BEEN SUBSTANTIATED FOR THE FOLLOWING VARIETIES. ACCORDINGLY, CERTIFICATES OF PLANT VARIETY PROTECTION HAVE BEEN ISSUED AND ALL RIGHTS TO WHICH THE OWNER IS ENTITLED SHALL BE IN FORCE UNTIL FURTHER NOTICE IN THE OFFICIAL JOURNAL. SEED OF THESE VARIETIES MAY BE LABELED AS FOLLOWS:

"UNAUTHORIZED PROPAGATION PROHIBITED - U.S. PROTECTED VARIETY."

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
CAULIFLOWER	7900066	SNOWBALL 123	791127	MORAN SEEDS, INC.

CAULIFLOWER

"SNOWBALL 123" MOST CLOSELY RESEMBLES "SNOWBALL Y"; HOWEVER, "SNOWBALL 123" MATURES 4-7 DAYS EARLIER, AND HAS JACKET LEAVES THAT ARE 4 CM LONGER THAN "SNOWBALL Y".

ONION

7900086 NEW MEXICO WHITE GRANO PRR 791018 DESSERT SEED CO., INC.

"NEW MEXICO WHITE GRANO PRR" IS MOST SIMILAR TO "NEW MEXICO WHITE GRANO"; HOWEVER, "NEW MEXICO WHITE GRANO PRR" IS RESISTANT TO PINK ROOT AND IS SINGLE CENTERED, WHEREAS "NEW MEXICO WHITE GRANO" IS SUSCEPTIBLE TO PINK ROOT AND HAS MANY BULBS WITH TWO OR THREE GROWING POINTS IN THE CENTER.

PUMPKIN

7800067 BIG MOON 791127 PETOSEED CO., INC.

"BIG MOON" IS MOST SIMILAR TO "MAMMOTH"; HOWEVER, THE FRUITS OF "BIG MOON" ARE LARGER THAN THOSE OF "MAMMOTH" (35-75 VS 16-27 KG), THE SEEDS OF "BIG MOON" ARE LARGER THAN THOSE OF "MAMMOTH" (48 VS 24 G/100), AND "BIG MOON" SEEDS ARE BROWN, WHEREAS "MAMMOTH" SEEDS ARE WHITE.

*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED
() NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)
OCTOBER 1, 1979 TO DECEMBER 31, 1979

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
SOYBEAN	* 7900043	COKER 156	791127	COKER'S PEDIGREED SEED CO.
		"COKER 156" IS MOST SIMILAR TO "DAVIS"; HOWEVER, "COKER 156" HAS SMALLER SEEDS (14.6 VS 16.4 G./100 SEEDS), AND SHORTER PLANTS (86 VS 92 CM) THAN "DAVIS".		(3)
	* 7900073	WELLS II	791018	PURDUE UNIV. AGRIC. EXPT. STA.
		"WELLS II" MOST CLOSELY RESEMBLES "WELLS"; HOWEVER, "WELLS II" IS RESISTANT TO RACES 1, 2, 3, 6, 7, 8, AND 9 OF PHYTOPHTHORA MEGASPERMA VAR. SOJAE, WHEREAS "WELLS" IS RESISTANT ONLY TO RACES 1 AND 2.		(3)
	* 7900109	HOBSON	791127	SOYBEAN RESEARCH FOUNDATION, INC.
		"HOBSON" IS MOST SIMILAR TO "DORMAN"; HOWEVER, "HOBSON" IS EARLIER IN MATURITY THAN "DORMAN" (GROUP IV VS V) AND "HOBSON" IS RESISTANT TO RACES 1 AND 2 OF PHYTOPHTHORA ROOT ROT, WHEREAS "DORMAN" IS SUSCEPTIBLE.		(3)
	* 7900112	SRF 250	791127	SOYBEAN RESEARCH FOUNDATION, INC.
		"SRF 250" MOST CLOSELY RESEMBLES "SRF 200"; HOWEVER, "SRF 250" HAS WHITE FLOWERS AND BROWN PODS, WHEREAS "SRF 200" HAS PURPLE FLOWERS AND TAN PODS.		(3)

*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED
() NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)
OCTOBER 1, 1979 TO DECEMBER 31, 1979

KIND	APPL. NO.	VARIETY	ISSUE DATE
SQUASH	7800066	BLACK MAGIC	791127 CHARTER RESEARCH, INC.

'BLACK MAGIC' IS MOST SIMILAR TO 'BLACKJACK'; HOWEVER, THE PLANTS OF 'BLACK MAGIC' ARE MORE COMPACT (15-20 CM SHORTER AND 15-20 CM NARROWER) THAN 'BLACKJACK', AND THE FRUITS OF 'BLACK MAGIC' HAVE A MORE UNIFORM, CYLINDRICAL SHAPE WITH LESS PROMINENT RIBS (BARELY VISIBLE) THAN 'BLACKJACK'.

(2)

WHEAT, COMMON * 7800006 4578
 '4578' MOST CLOSELY RESEMBLES '4555'; HOWEVER, '4578' IS TWO DAYS LATER IN MATURITY, AND '4578' HAS A STRAP-SHAPED HEAD, WHEREAS THE HEAD OF '4555' IS TAPERING.

(3)

791018 WESTERN PLANT BREEDERS
 * 7900005 WESTBRED AIM
 'WESTBRED AIM' MOST CLOSELY RESEMBLES 'SIETE CERROS' AND 'SUPER X'; HOWEVER, 'WESTBRED AIM' HAS RED GRAIN, WHEREAS THE GRAIN OF 'SIETE CERROS' IS WHITE, AND 'WESTBRED AIM' HAS A SHORTER BEAK LENGTH (3 VS 8 MM) AND A LONGER LENGTH OF INTERNODE BELOW THE FLAGLEAF (23 VS 18 CM) THAN 'SUPER X'.

791018 WESTERN PLANT BREEDERS
 * 7900004 WESTBRED 1000D
 'WESTBRED 1000D' IS MOST SIMILAR TO 'PRODURA'; HOWEVER, 'WESTBRED 1000D' IS 10 CM TALLER AND 12-15 DAYS LATER IN HEADING THAN 'PRODURA'.

(3)

*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED
 () NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

DESCRIPTIVE CHARACTERS OF PROTECTED SOYBEAN VARIETIES

THIS LIST PROVIDES THE PUBLIC WITH DESCRIPTIVE INFORMATION FOR VARIETIES PROTECTED BY THE UNITED STATES PLANT VARIETY PROTECTION ACT. MAJOR DESCRIPTIVE CHARACTERISTICS WERE SELECTED FROM THE DESCRIPTION PROVIDED BY THE APPLICANT OF EACH VARIETY. COMPLETE VARIETY DESCRIPTIONS ARE AVAILABLE FROM THE OFFICE. SUBSEQUENT ISSUES OF THE JOURNAL WILL CONTAIN DESCRIPTIVE LISTS FOR OTHER PROTECTED CROPS.

CERT. NO.	VARIETY NAME	FLOWER COLOR	POD COLOR	LEAFLET SHAPE	PUBES- CENCE	PLANT HABIT	MAT. GROUP	HILUM COLOR
7500056	AGRIPRO 20	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	BROWN
7400080	AGRIPRO 25	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	III	IMPERF.
7500057	AGRIPRO 26	PURPLE	BROWN	OVATE	GREY	INDEFINITATE	III	IMPERF.
7400079	AGRIPRO 27	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	III	BLACK
7200083	AMSOY 71	PURPLE	TAN	OVATE	GREY	INDETERMINATE	II	YELLOW
7900010	AP 10	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	I	YELLOW
7900014	AP 40	PURPLE	TAN	OVATE	BROWN	INDETERMINATE	IV	BROWN
7800081	AP 70	WHITE	TAN	OVATE	BROWN	DETERMINATE	VII	BLACK
7700007	A1564	PURPLE	TAN	OVATE	GREY	INDETERMINATE	I	YELLOW
7700006	A2444	WHITE	BROWN	OVATE	GREY	INDETERMINATE	II	YELLOW
7700034	A2575	PURPLE	TAN	OVATE	GREY	INDETERMINATE	II	BUFF
7600064	A2656	PURPLE	TAN	OVATE	GREY	INDETERMINATE	II	IMPERF.
7900037	A2858	PURPLE	TAN	OVATE	BROWN	DETERMINATE	II	YELLOW
7600063	A3001	PURPLE	BROWN	OBLONG	BROWN	INDETERMINATE	II	BLACK
7700096	A3127	PURPLE	TAN	OVATE	BROWN	INDETERMINATE	III	BLACK
7700059	A3585	PURPLE	TAN	OVATE	BROWN	INDETERMINATE	II	BLACK
7700100	A3860	WHITE	TAN	OVATE	BROWN	INDETERMINATE	II	BLACK
7700101	A4268	WHITE	TAN	OVATE	BROWN	INDETERMINATE	IV	BLACK
7700111	A5312	WHITE	TAN	OVATE	GREY	DETERMINATE	V	BUFF
7800018	A5618	PURPLE	TAN	OVATE	GREY	DETERMINATE	V	BUFF
7500088	B 186	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	I	BROWN
7500087	B 216	WHITE	TAN	OVATE	GREY	INDETERMINATE	II	YELLOW
7600074	BEECHWOOD	WHITE	BROWN	OVATE	BROWN	INDETERMINATE	0	BLACK
7800049	BIG BOY	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	IV	YELLOW
7200126	BONUS	WHITE	TAN	OVATE	BROWN	DETERMINATE	VII	IMPERF.
7700025	BROOKS	PURPLE	BROWN	OVATE	BROWN	DETERMINATE	VI	BROWN
7400038	BRYSOY 9	PURPLE	TAN	ELLIPTICAL	GREY	INDETERMINATE	II	YELLOW
7300010	BUCCANEER	PURPLE	TAN	OVATE	BROWN	DETERMINATE	VI	BLACK
7800065	CENTENNIAL	PURPLE	TAN	OVATE				

DESCRIPTIVE CHARACTERS OF PROTECTED SOYBEAN VARIETIES (CONT)

CERT. NO.	VARIETY NAME	FLOWER COLOR	POD COLOR	LEAFLET SHAPE	PUBES-CENCE	PLANT HABIT	MAT. GROUP	HILUM COLOR
7500081	CFS 2000	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	I	YELLOW
7500069	CLASSIC I	PURPLE	TAN	OVATE	GREY	INDETERMINATE	II	BROWN
7600041	CLASSIC II	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	III	BLACK
7900018	CO-OP 500	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	IV	IMPERF.
7100022	COKER HAMPTON 266A	PURPLE	BROWN	OVATE	GREY	DETERMINATE	VIII	BLACK
7300091	COKER 136	PURPLE	BROWN	OVATE	GREY	DETERMINATE	VI	BUFF
7900043	COKER 156	WHITE	TAN	OVATE	GREY	DETERMINATE	VI	BUFF
7800034	COKER 237	WHITE	TAN	OBLONG	BROWN	DETERMINATE	VII	BLACK
7400058	COKER 338	WHITE	BROWN	BROWN	BROWN	DETERMINATE	VIII	BROWN
7800035	COKER 488	PURPLE	TAN	OBLONG	BROWN	DETERMINATE	VIII	BROWN
7700050	COLES	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	I	YELLOW
7200082	CUTLER 71	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	IV	BLACK
7600056	CX 29C	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	II	BROWN
7800050	DOTSON	PURPLE	TAN	OVATE	GREY	INDETERMINATE	I	YELLOW
7700035	DS 160	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	I	YELLOW
7500052	EMERALD	PURPLE	BROWN	ELLIPTICAL	BROWN	INDETERMINATE	IV	BLACK
7400105	EVANS	WHITE	BROWN	OVATE	GREY	INDETERMINATE	C	YELLOW
7600007	FFR 111	PURPLE	TAN	OVATE	GREY	INDETERMINATE	I	YELLOW
7600006	FFR 444	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	IV	BLACK
7300017	FFR 666	PURPLE	TAN	OVATE	BROWN	DETERMINATE	VI	BLACK
7300018	FFR 777	PURPLE	TAN	OVATE	GREY	DETERMINATE	VI	BUFF
7300058	FORREST	WHITE	TAN	OVATE	BROWN	DETERMINATE	V	BLACK
7300119	GT 1200	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	YELLOW
7900021	GT 1310	WHITE	BROWN	OVATE	BROWN	INDETERMINATE	III	BLACK
7700036	GUTWEIN 180	PURPLE	TAN	OVATE	BROWN	INDETERMINATE	I	YELLOW
7800051	GUTWEIN 421	WHITE	BROWN	OVATE	BROWN	INDETERMINATE	IV	BLACK
7900109	HOBSON	WHITE	TAN	OVATE	GREY	DETERMINATE	IV	BUFF
7400106	HODGSON	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	I	BUFF
7800085	HODGSON 78	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	I	BUFF
7300083	HUTTON	PURPLE	TAN	OVATE	BROWN	DETERMINATE	VIII	BLACK
7700081	IKE	WHITE	TAN	ELLiptICAL	BROWN	INTERMEDIATE	III	BLACK
7700056	J-102A	PURPLE	TAN	ELLiptICAL	GREY	INDETERMINATE	II	YELLOW
7700055	J-84A	WHITE	BROWN	OVATE	BROWN	INDETERMINATE	C	BROWN
7800015	K-77	PURPLE	TAN	OVATE	GREY	INDETERMINATE	II	YELLOW

DESCRIPTIVE CHARACTERS OF PROTECTED SOYBEAN VARIETIES (CONT)

CERT. NO.	VARIETY NAME	FLOWER COLOR	POD COLOR	LEAFLET SHAPE	PUBES- CENCE	PLANT HABIT	MAT. GROUP	HILUM COLOR
7600044	LANCER	PURPLE	BROWN	OVATE	GREY	DETERMINATE	VI	IMPERF. BLACK
7700051	MARION	PURPLE	TAN	OVATE	GREY	INDETERMINATE	II	BUFF
7800052	MATSOY	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	III	YELLOW
7700062	MAX	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	III	BLACK
7400026	MCKOY 1100	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	YELLOW
7605016	MCNAIR 500	PURPLE	BROWN	OBLONG	BROWN	DETERMINATE	V	BROWN
7100075	MCNAIR 600	PURPLE	TAN	OBLONG	BROWN	DETERMINATE	VI	BLACK
7100042	MCNAIR 800	WHITE	TAN	OBLONG	GREY	DETERMINATE	VII	BUFF
7300054	MITCHELL 450	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	IV	BROWN
7900046	MITCHELL 450	PURPLE	TAN	OVATE	BROWN	INDETERMINATE	IV	BROWN
7200076	PETERSON JADE	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	BUFF
7300065	PETERSON 85	PURPLE	TAN	OVATE	GREY	INDETERMINATE	I	BUFF
7700038	PL 6712424	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	III	BUFF
7700037	PL 694C104	WHITE	BROWN	OVATE	BROWN	INDETERMINATE	II	BLACK
7800053	PL709947	WHITE	BROWN	OVATE	BROWN	DETERMINATE	III	BROWN
780C054	PL723299L	PURPLE	TAN	OVATE	GREY	INDETERMINATE	III	YELLOW
7400081	PONTIAC	PURPLE	BROWN	OVATE	GREY	DETERMINATE	III	YELLOW
7300061	PX 181-88	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	YELLOW
7300062	PX 185-44	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	YELLOW
7300064	P61-22	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	YELLOW
7300063	P83-14	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	YELLOW
7800030	RA-401	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	IV	BROWN
7900007	RA-480	PURPLE	TAN	OVATE	BROWN	INTERMEDIATE	V	BLACK
7605006	RA-501A	PURPLE	TAN	OVATE	BROWN	DETERMINATE	V	BLACK
7500067	RA-526	PURPLE	TAN	OVATE	BROWN	DETERMINATE	VI	BLACK
7800031	RA-601	PURPLE	BROWN	OVATE	BROWN	DETERMINATE	VI	BLACK
7900008	RA-604	PURPLE	TAN	OVATE	GREY	INDETERMINATE	II	IMPERF. BLACK
7800021	ROCKFORD	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	II	BLACK
7900013	RS2300	WHITE	BROWN	OVATE	BROWN	INDETERMINATE	II	YELLOW
7800098	S-48	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	YELLOW
7200078	SEEDMAKERS 1-E	PURPLE	TAN	OVATE	GREY	INDETERMINATE	III	YELLOW
7600009	SHAWNEE	PURPLE	BROWN	LANCEOLATE	BROWN	INDETERMINATE	II	BLACK
7100016	SRP 100	PURPLE	BROWN	LANCEOLATE	GREY	INDETERMINATE	I	YELLOW
7200086	SRP 150	PURPLE	BROWN	LANCEOLATE				

DESCRIPTIVE CHARACTERS OF PROTECTED SOYBEAN VARIETIES (CONT)

CERT. NO.	VARIETY NAME	FLOWER COLOR	POD COLOR	LEAFLET SHAPE	PUBES-CENCE	PLANT HABIT	MAT. GROUP	HILUM COLOR
7800055	SRF 150P	PURPLE	BROWN	LANCEOLATE	GREY	INDETERMINATE	I	YELLOW
7400094	SRF 174-AT	PURPLE	BROWN	LANCEOLATE	GREY	INDETERMINATE	II	YELLOW
7400002	SRF 200	PURPLE	TAN	LANCEOLATE	GREY	INDETERMINATE	II	YELLOW
7900112	SRF 250	WHITE	BROWN	LANCEOLATE	GREY	INDETERMINATE	II	YELLOW
7200099	SRF 307B	WHITE	BROWN	LANCEOLATE	BROWN	INDETERMINATE	III	BROWN
7400003	SRF 307P	WHITE	BROWN	LANCEOLATE	BROWN	INDETERMINATE	III	BROWN
7400004	SRF 35C	WHITE	BROWN	LANCEOLATE	BROWN	INDETERMINATE	III	BLACK
7100019	SRF 400	PURPLE	BROWN	LANCEOLATE	BROWN	INDETERMINATE	IV	BLACK
7400005	SRF-425	WHITE	BROWN	LANCEOLATE	BROWN	INDETERMINATE	IV	BLACK
7200077	SRF 450	PURPLE	BROWN	LANCEOLATE	BROWN	INDETERMINATE	IV	BLACK
7500086	S1244	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	I	BLACK
7500085	S1346	PURPLE	TAN	OVATE	GREY	INDETERMINATE	I	YELLOW
7300085	S1474	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	II	BROWN
7600066	S1492	WHITE	TAN	OVATE	GREY	INDETERMINATE	II	BUFF
7700078	S1578	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	II	BROWN
7800101	S4055	PURPLE	TAN	OVATE	GREY	INDETERMINATE	IV	IMPERF.
7605003	TERRA VIG 708	WHITE	BROWN	OVATE	BROWN	DETERMINATE	VII	BROWN
7400062	TRACY	WHITE	TAN	OVATE	BROWN	DETERMINATE	VI	BLACK
7900025	VICTOR	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	IV	BROWN
7500055	VORIS 295	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	IMPERF.
7300097	WELLS II	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	IMPERF.
7900073	WELLS II	PURPLE	BROWN	OVATE	BROWN	DETERMINATE	VI	BLACK
7900058	WILSTAR 790	WHITE	TAN	OBLONG	BROWN	INDETERMINATE	II	BLACK
7100037	XX-505	PURPLE	BROWN	OBLONG	BROWN	INDETERMINATE	II	BLACK
7100060	XX-515	WHITE	BROWN	OVATE	BROWN	INDETERMINATE	II	BROWN
7100062	XX-535	WHITE	BROWN	OVATE	BROWN	INDETERMINATE	II	BLACK
7100074	XX-585	WHITE	BROWN	OVATE	BROWN	INDETERMINATE	III	BLACK
7700002	118-11	PURPLE	BROWN	OVATE	BROWN	INDETERMINATE	I	BROWN
7400097	3034	PURPLE	BROWN	OVATE	GREY	INDETERMINATE	II	YELLOW
7700075	3035	PURPLE	BROWN	OVATE				

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